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RECOMBINANT C140 RECEPTOR
AND ITS AGONISTS AND ANTAGONISTS

Abstract of the Disclosure

Nucleic acid molecules encoding the C140 cell
5 surface receptor have been cloned and sequenced. The availability of C140 receptor DNA permits the recombinant production of the C140 receptor which can be produced on the surface of a cell, including an oocyte. The nucleic acid molecules are useful in an assay for detecting a
10 substance which affects C140 receptor activity, either receptor agonists or antagonists. Further, the elucidation of the structure of the C140 receptor permits the design of agonist and antagonist compounds which are useful in such assays. The availability of the C140
15 receptor also permits production of antibodies specifically immunoreactive with one or more antigenic epitopes of the C140 receptor.